

**Amendments to the Claims:**

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Currently Amended) An electrode-connector protecting cap, comprising:  
a hemisphere cap;  
a wing positioned at a periphery of the hemisphere cap and having a contact surface adapted to be connected to the an electrode-connector; and  
an opening for a wire to be passed through and formed in the hemisphere cap.
2. (Original) The electrode-connector protecting cap as claimed in claim 1, wherein the hemisphere cap is formed by a transparent plastic.
3. (Currently Amended) The electrode-connector protecting cap as claimed in claim 1, wherein the wing further comprises adhesive for connecting the wing to the electrode-connector to be connected to the hemisphere cap.
4. (Original) The electrode-connector protecting cap as claimed in claim 1, wherein the wing consists of three portions with 120° spaced from one another.
5. (Original) The electrode-connector protecting cap as claimed in claim 1, wherein the wing is of a loop shape.
6. (Original) The electrode-connector protecting cap as claimed in claim 1, wherein the wing has a groove.
7. (Original) The electrode-connector protecting cap as claimed in claim 1, wherein the opening is positioned at the periphery of the hemisphere cap.

8. (Original) The electrode-connector protecting cap as claimed in claim 1, further comprising a tube through which the wire is passed, and contacted around the opening of the hemisphere cap.

9. (Original) The electrode-connector protecting cap as claimed in claim 8, wherein the tube is of an arch shape.

10. (Original) The electrode-connector protecting cap as claimed in claim 8, wherein the tube has a wire fixing portion that can securely hold the wire.

11. (Original) The electrode-connector protecting cap as claimed in claim 10, wherein the wire fixing portion is of a protruded shape.

12. (Currently Amended) An electrode-connector for ambulatory physiological signal measurement, comprising:

an electrode-connector having an electrode, a wire, a foam pad surrounding sides of the electrode, an electrode connecting portion taking one of a protruded shape and a recessed shape and electrically connected to the electrode, and a connector taking the other shape and electrically connected to the wire; and

an electrode-connector protecting cap as claimed in any one of the preceding claims comprising:

a hemisphere cap;

a wing positioned at a periphery of the hemisphere cap and having a contact surface connected to the electrode-connector; and

an opening for the wire to be passed through and formed in the hemisphere cap.

13. (New) The electrode-connector as claimed in claim 12, wherein the hemisphere cap is formed by a transparent plastic.

14. (New) The electrode-connector as claimed in claim 12, wherein the wing further comprises adhesive for connecting the wing to the electrode-connector.

15. (New) The electrode-connector as claimed in claim 12, wherein the wing consists of three portions with 120° spaced from one another.

16. (New) The electrode-connector as claimed in claim 12, wherein the wing is of a loop shape.

17. (New) The electrode-connector as claimed in claim 12, wherein the wing has a groove.

18. (New) The electrode-connector as claimed in claim 12, wherein the opening is positioned at the periphery of the hemisphere cap.

19. (New) The electrode-connector as claimed in claim 12, further comprising a tube through which the wire is passed, and contacted around the opening of the hemisphere cap.

20. (New) The electrode-connector as claimed in claim 19, wherein the tube is of an arch shape.

21. (New) The electrode-connector as claimed in claim 19, wherein the tube has a wire fixing portion that can securely hold the wire.

22. (New) The electrode-connector as claimed in claim 21, wherein the wire fixing portion is of a protruded shape.